United States Patent [19]			[11]	Patent Number:			5,051,402	
Kur	ihara et a	al.	[45]	D	ate of	Patent:	Sep. 24, 1991	
[54]	4] PHARMACEUTICAL COMPOSITION CONTAINING CYCLOSPORIN IN ADMIXTURE WITH α-CYCLODEXTRIN			4,388,307 6/1983 Cavanak 424/177 FOREIGN PATENT DOCUMENTS				
[75]	Inventors:	Kozo Kurihara; Masaru Murano, both of Tokyo, Japan	94 0170	895724 7/1983 Belgium . 94157 11/1983 European Pat. Off 0170623 2/1986 European Pat. Off				
[73]	Assignee:	Sankyo Company, Limited, Tokyo, Japan	2015339 9/1979 United Kingdom . OTHER PUBLICATIONS					
[21]	Appl. No.:	587,580	Stadler-Szöke et al., Proceedings of the First Int. Symp. on Cyclodextrins, Szejtli (ed.), D. Reidel Publishing Co., Boston, U.S.A., pp. 377-388 (1981).					
[22]	Filed:	Sep. 21, 1990						
Related U.S. Application Data			Merck Index, 10th Edition, 1983, p. 396, No. 2748.					
[63] Continuation of Ser. No. 201,579, Jun. 1, 1988, abandoned.			Primary Examiner—John Doll Assistant Examiner—Christina Chan Attorney, Agent, or Firm—Frishauf, Holtz, Goodman & Woodward					
[30] Foreign Application Priority Data								
Jun. 4, 1987 [JP] Japan 62-140703				.1 u		ADSTDACT		
[51] [52]	Int. Cl. ⁵ U.S. Cl	[57] ABSTRACT Cyclosporins are useful immunosuppressive, anti-fungal and antiphlogistic agents which are relatively insoluble						
[58]	Field of Se	514/885 earch	in water They ma	in water and aqueous fluids (including body fluids). They may be rendered more soluble by the concomitant				
[56]		administration of α -cyclodextrin, either separately, but essentially simultaneously or, preferably, in admixture.						
	U.S.							

33 Claims, No Drawings

4,117,118 9/1978 Härri et al. 530/321